

Title (en)
PROCESS FOR PRODUCING POLYMERIZATION TONER, PROCESS FOR PRODUCING BINDER RESIN FOR TONER, AND TONER

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES POLYMERISIERUNGSTONERS, VERFAHREN ZUR HERSTELLUNG EINES BINDERHARZES FÜR EINEN TONER UND TONER

Title (fr)
PROCÉDÉ DE FABRICATION D'UN TONER À POLYMÉRISATION, PROCÉDÉ DE FABRICATION D'UNE RÉSINE DE LIAISON POUR TONER, ET TONER

Publication
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Application
EP 08721791 A 20080311

Priority
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• JP 2007062110 A 20070312

Abstract (en)
[origin: EP2124107A1] Provided is a method of producing polymerized toner with which the production of a decomposition product derived from a polymerization initiator can be suppressed, and the remaining of an unreacted monomer or a decomposition product residue in a toner particle can be suppressed. The method is a method of producing polymerized toner, the method including: dispersing a polymerizable monomer composition containing at least a polymerizable monomer and a colorant in an aqueous medium; and polymerizing the polymerizable monomer in the aqueous medium with a polymerization initiator to produce toner particles, and is characterized in that a polymerization initiator which has a specific structure and the hydrogen bond dissociation energies of which satisfy specific relationships is used as the polymerization initiator.

IPC 8 full level
G03G 9/087 (2006.01); **C08F 2/44** (2006.01); **G03G 9/08** (2006.01)

CPC (source: EP KR US)
C08F 2/44 (2013.01 - KR); **G03G 9/0806** (2013.01 - EP US); **G03G 9/087** (2013.01 - KR); **G03G 9/08702** (2013.01 - EP US)

Citation (search report)
• [X] EP 0126216 A2 19841128 - PENNWALT CORP [US]
• [X] US 4634753 A 19870106 - SANCHEZ JOSE [US]
• [A] US 2007048645 A1 20070301 - TAKASHIMA JUNICHI [JP], et al
• See references of WO 2008111583A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
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